

Substitute for form 1449/PTO
(Revised 04/2003)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/632,426
Filing Date	August 1, 2003
First Named Inventor	Kaltenboeck
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	35721/265190

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
TF	1	US-5,324,668	06-28-1994	Macri.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached

OTHER DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
TF	2	ALLIONE, <i>et al.</i> , "Nitric Oxide Suppresses Human T Lymphocyte Proliferation Through IFN- γ -Dependent and IFN- γ -Independent Induction of Apoptosis," <i>The Journal of Immunology</i> , 1999, pp. 4182-4191, Vol. 163.	
TF	3	CHANG, <i>et al.</i> , "Arginase Modulates Nitric Oxide Production in Activated Macrophages," <i>Am. J. Physiol.</i> , 1998, pp. H342-H348.	
TF	4	DALTON, <i>et al.</i> , "Interferon γ Eliminates Responding CD4 T Cells during Mycobacterial Infection by Inducing Apoptosis of Activated CD4 T Cells," <i>J. Exp. Med.</i> , 2000, pp. 117-122, Vol. 192(1).	
TF	5	DETMERS, <i>et al.</i> , "Deficiency in Inducible Nitric Oxide Synthase Results in Reduced Atherosclerosis in Apolipoprotein E-Deficient Mice," <i>The Journal of Immunology</i> , 2000, pp. 3430-3435, Vol. 165.	
TF	6	DIEFENBACH, <i>et al.</i> , "Requirement for Type 2 NO Synthase for IL-12 Signaling in Innate Immunity," <i>Science</i> , 1999, pp. 951-955, Vol. 284.	
TF	7	GANTT, <i>et al.</i> , "Oxidative Responses of Human and Murine Macrophages During Phagocytosis of <i>Leishmania chagasi</i> ," <i>The Journal of Immunology</i> , 2001, pp. 893-901, Vol. 167.	
TF	8	GOTOH, T. and MORI, M., "Arginase II Downregulates Nitric Oxide (NO) Production and Prevents NO-mediated Apoptosis in Murine Macrophage-derived RAW 264.7 Cells," <i>The Journal of Cell Biology</i> , 1999, pp. 427-434, Vol. 144, No. 3.	

Examiner Signature	<i>L. K. Fuld</i>	Date Considered	2/25/04
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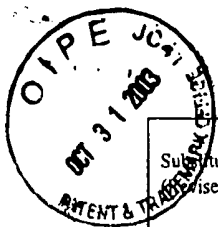
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TKF	9	GUO, <i>et al.</i> , "Molecular Mechanisms of Increased Nitric Oxide (NO) in Asthma: Evidence for Transcriptional and Post-Translational Regulation of NO Synthesis," <i>The Journal of Immunology</i> , 2000, pp. 5970-5980, Vol. 164.				
TKF	10	HERRICK, C.A. and BOTTOMLY, K., "To Respond or Not To Respond: T Cells in Allergic Asthma," <i>Nature Reviews/Immunology</i> , 2003, pp. 1-8, Vol. 3.				
TKF	11	HOLLAND, <i>et al.</i> , "Conjunctival Scarring in Trachoma Is Associated with Depressed Cell-Mediated Immune Responses to Chlamydial Antigens," <i>The Journal of Infectious Diseases</i> , 1993, pp. 1528-1531, Vol. 168.				
TKF	12	HU, <i>et al.</i> , "The Artherogenic Effects of Chlamydia are Eependent on Serum Cholesterol and Specific to <i>Chlamydia pneumoniae</i> ," <i>Journal of Clinical Investigation.</i> , 1999, pp. 747-753, Vol. 103(5).				
TKF	13	HUANG, <i>et al.</i> , "Nitric Oxide Regulates Th1 Cell Development Through the Inhibition of IL-12 Synthesis by Macrophages," <i>Eur. J. Immunol.</i> , 1998, pp. 4062-4070, Vol. 28.				
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TKF	15	HUANG, <i>et al.</i> , "The Quantity of Nitric Oxide Released by Macrophages Regulates <i>Chlamydia</i> -induced Disease," <i>PNAS</i> , 2002, pp. 3914-3919, Vol. 99(6).				
TKF	16	IGIETSEME, <i>et al.</i> , "Resolution of Murine Chlamydial Genital Infection by the Adoptive Transfer of a Biovar-Specific, TH ₁ Lymphocyte Clone," <i>Regional Immunology</i> , 1993, pp. 317-324, Vol. 5.				
TKF	17	IGIETSEME, <i>et al.</i> , "Chlamydial Infection in Inducible Nitric Oxide Synthase Knockout Mice," <i>Infection and Immunity</i> , 1998, pp. 1282-1286, Vol. 66(4).				
TKF	18	MORI, M. and GOTOH, T., "Relationship between Arginase Activity and Nitric Oxide Production," Chapter 12, <i>Nitric Oxide Biology and Pathobiology</i> , 2000, Chapter 12, pp.199-208.				
TKF	19	JACKSON, <i>et al.</i> , "Specificity of Detection of <i>Chlamydia pneumoniae</i> in Cardiovascular Atheroma," <i>American Journal of Pathology</i> , 1997, pp. 1785-1790, Vol. 150(5).				
TKF	20	KALTENBÖCK, <i>et al.</i> , "Genetically Determined Vigorous Innate Immunity is Associated with Protection Against Primary Chlamydial Lung Infection in Mice, but with Profound Disease Exacerbation in Reinfection," <i>Chlamydial Infections</i> , Proceedings of the Ninth International Symposium on Human Chlamydial Infection, June 21-26, 1998, pp. 403-406.				
TKF	21	LYONS, <i>et al.</i> , "Molecular Cloning and Functional Expression of an Inducible Nitric Oxide Synthase from a Murine Macrophage Cell Line," <i>The Journal of Biological Chemistry</i> , 1992, pp. 6370-6374, Vol. 267(9).				
TKF	22	MACMICKING, <i>et al.</i> , "Nitric Oxide and Macrophage Function," <i>Annu. Rev. Immunol.</i> , 1997, pp. 323-350, Vol. 15.				
TKF	23	MAGEE, <i>et al.</i> , " <i>Chlamydia trachomatis</i> Pneumonia in the Severe Combined Immunodeficiency (SCID) Mouse," <i>Regional Immunology</i> , 1993, pp. 305-311, Vol. 5(6).				
TKF	24	MILLS, <i>et al.</i> , "M-1/M-2 Macrophages and the Th1/Th2 Paradigm," <i>The Journal of Immunology</i> , 2000, pp. 6166-6173, Vol. 164.				
TKF	25	MOAZED, <i>et al.</i> , "Evidence of Systemic Dissemination of <i>Chlamydia pneumoniae</i> via Macrophages in the Mouse," <i>The Journal of Infectious Diseases</i> , 1998, pp. 1322-1325, Vol. 177.				
Examiner Signature		H K F			Date Considered	2/25/04

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705	26	MOAZED, et al., "Chlamydia pneumoniae Infection Accelerates the Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice," <i>The Journal of Infectious Diseases</i> , 1999, pp. 238-241, Vol. 180.			
705	27	MORRISON, et al., "Gene Knockout Mice Establish a Primary Protective Role for Major Histocompatibility Complex Class II-Restricted Responses in <i>Chlamydia trachomatis</i> Genital Tract Infection," <i>Infection and Immunity</i> , 1995, pp. 4661-4668, Vol. 63(12).			
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705	29	OSWALD, et al., "Low Response of BALB/c macrophages to Priming and Activating Signals," <i>Journal of Leukocyte Biology</i> , 1992, pp. 315-322, Vol. 52.			
705	30	PERRY, et al., "Neither Interleukin-6 nor Inducible Nitric Oxide Synthase is Required for Clearance of <i>Chlamydia trachomatis</i> from the Murine Genital Tract Epithelium," <i>Infection and Immunity</i> , 1998, pp. 1265-1269, Vol. 66(3).			
705	31	RAMSEY, et al., "Chlamydia trachomatis Persistence in the Female Mouse Genital Tract: Inducible Nitric Oxide Synthase and Infection Outcome," <i>Infection and Immunity</i> , 2001, pp. 5131-5137, Vol. 69(8).			
TRF	32	RANK, R.G., "Models of Immunity," <i>Chlamydia: Intracellular Biology, Pathogenesis, and Immunity</i> , 1999, Chapter 9, pp. 239-295.			
TRF	33	ROSS, R., "Atherosclerosis - An Inflammatory Disease," <i>Mechanisms of Disease</i> , 1999, pp. 115-126, Vol. 340(2).			
705	34	ROTTENBERG, et al., "Role of Innate and Adaptive Immunity in the Outcome of Primary Infection with <i>Chlamydia pneumoniae</i> , as Analyzed in Genetically Modified Mice," <i>The Journal of Immunology</i> , 1999, pp. 2829-2836, Vol. 162.			
705	35	SCHACHTER, J., "Infection and Disease Epidemiology," <i>Chlamydia: Intracellular Biology, Pathogenesis, and Immunity</i> , 1999, Chapter 6, pp. 139-169.			
TRF	36	SCHWACHA, M.G. and EISENSTEIN, T.K., "Interleukin-12 is Critical for Induction of Nitric Oxide-Mediated Immunosuppression following Vaccination of Mice with Attenuated <i>Salmonella typhimurium</i> ," <i>Infection and Immunity</i> , 1997, pp. 4897-4903, Vol. 65(12).			
TRF	37	SCHWACHA, et al., "Salmonella typhimurium Infection in Mice Induces Nitric Oxide-Mediated Immunosuppression through a Natural Killer Cell-Dependent Pathway," <i>Infection and Immunity</i> , 1998, pp. 5862-5866, Vol. 66(12).			
TRF	38	STEVENSON, et al., "Genetic Linkage of Resistance to <i>Listeria Monocytogenes</i> with Macrophage Inflammatory Responses," <i>The Journal of Immunology</i> , 1981, pp. 402-407, Vol. 127(2).			
TRF	39	TEWS, J.K. and HARPER, A.E., "Tissue Amino Acids in Rats Fed Norleucine, Norvaline, Homoarginine or Other Amino Acid Analogues," <i>J. Nutr.</i> , 1986, pp. 1464-1472, Vol. 116(8).			
TRF	40	WILTSHIRE, et al., "Genome-wide Single-nucleotide Polymorphism Analysis Defines Haplotype Patterns in Mouse," <i>PNAS</i> , 2003, pp. 3380-3385, Vol. 100(6).			
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TRF	42	XIE, et al., "Cloning and Characterization of Inducible Nitric Oxide Synthase from Mouse Macrophages," <i>Science</i> , 1992, pp. 226-228, Vol. 256.			
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